



# **Sustainable Detrick**

## **Outreach, Partnerships, Transformation and Continuous Improvement**

### **Overview**

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**Commander, U.S. Army Garrison**

**April 2011**

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# Performance Excellence



- **Army Community of Excellence-Exemplary Practice Winner**
- **5 Best Family Friendly Workplaces in Frederick County**
- **Tree City USA**
- **Maryland Plant Award**
- **Army Medium Fire Dept of the Year**
- **Army/DoD Fire Prevention Program of the Year**
- **OSHA Voluntary Protection Program - Star Program**
- **Outstanding Housing Team (private/DoD)**
- **Multiple Federal Career Service Award winners**
- **Maryland Performance Excellence Award**
- **Frederick Memorial Hospital - Health Business Health Award**
- **U.S. Green Business Council Leadership Award**

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# Fort Detrick, Maryland

- Joint-Interagency, National Asset
- Top 1% in nation for safety
- Area's largest employer and consumer
- \$2 billion-plus in construction
- Partner and major contributor throughout many communities
- Highly skilled workforce
- Culture of Sustainability

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# Yesterday & Today

- Yesterday:
  - Began as Frederick Airport
  - Converted into a military airfield in 1931
  - Established in 1943 as Camp Detrick
- Today:
  - Largest Employer in Frederick County
  - Hosts multiple strategic missions
  - Hosts multiple Cabinet Level Agencies
    - Department of Defense
    - Department of Health and Human Services
    - Department of Homeland Security
    - Department of Agriculture
    - Department of Veterans Affairs
  - Includes Forest Glen Annex, Montgomery County



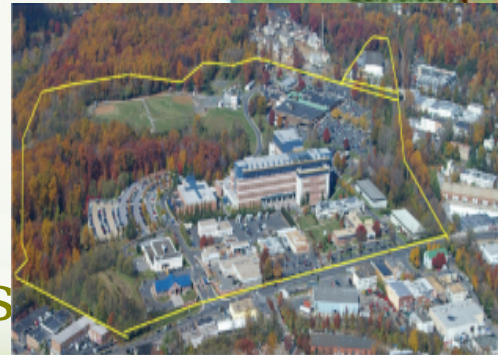
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# Two Locations...One Vision

- People Count...
- Fort Detrick and Forest Glen
- Critical missions at both locations
- Stimulus to local economies
- Both key to BRAC initiatives
- Leaders in innovation
- Support to Soldiers, Families, and Civilians



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# A Culture of Sustainability

- Commitment to customer service, performance excellence, environmental responsibility, and employee engagement
- Sustainability practiced beyond environmental aspects as noted by the American Society for Quality for performance excellence
  - Addressing current business needs to prepare successfully for our future business, market, and operating environment
  - Our responsibility is to the well-being of environmental, social, and economic systems
  - Building and maintaining a Net Zero culture to sustain vital natural resources





# Relevant

- A national asset, proudly protecting the nation and supporting local economy
  - The foundation of economic stability and growth in our community
  - A center of excellence, sustaining National Security and Resources
  - Partnering with others saving time, money, and improving opportunities
  - Providing solutions for today's challenges and tomorrow's opportunities



# What do we do?

- The U.S. Army Garrison(USAG) is the “City Hall” of Fort Detrick
- Each Organization or Mission Partner is a tenant in our “City”
- The USAG provides essential service to allow these Mission Partners to complete their tasks to protect the Nation
- The USAG is a partner with the community to provide services as well as information
- Net Zero focus on reduction, repurposing, recycling, and recovery of valuable natural resources for the future





# Full Service - Dedicated System



## Housing

- Privatized family



## Services

- Commissary (grocery)
- Post Exchange
- Gym, Pool, Recreation...
- Child & Youth Services
- Food Services

## Utilities

- Recycling Center
- Water and wastewater treatment plants
- Solid waste landfill
- Steam sterilization plant
- Electric - privatized
- Central Utilities Plant
- Electric and Natural Gas



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## Emergency Services

- Police Department
- Fire Department
- HAZMAT Team
- Ambulance/EMTs
- Special Reaction Team
- Federal Guard Force



# Strategic Missions

**Medical Research (USAMRMC)**  
**National Strategic Satellite Communications**  
**Defense Medical Logistics**  
**Public Health (National Cancer Institute)**  
**National Interagency Biodefense Campus (NIBC)**



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# US Army Medical Research and Materiel Command



- Medical research
- Medical acquisitions
- Combat Casualty Care Research Program
- Robotics rescue and evacuation
- Prosthetics and Human Performance
- Optimal Healing Environments
- Advanced Pain Management
- Remote Biomonitoring

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# Global Satellite Communications

- Missions support Executive, Legislative Branches of Government, as well as DOD Commanders
- Supports Contingency Operations
  - Hurricane Katrina
  - Inauguration
  - NASA



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# Defense Medical Logistics

- Joint Capability:
  - U.S. Army Medical Materiel Agency
  - Air Force Medical Logistics Office
  - Navy Medical Logistics Command
  - 6th Medical Logistics Management Center
  - Joint Medical Logistics Functional Development Center
  - Defense Medical Standardization Board



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# National Cancer Institute

- NCI-Frederick conducts research and development designed to prevent and cure cancer and AIDS
- Owns 68 acres of land and 111 buildings internal to Fort Detrick
- USAG, Fort Detrick provides operational support



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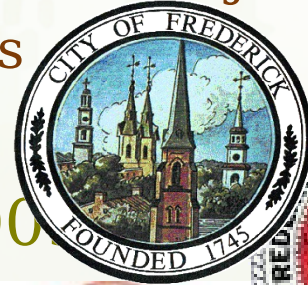
- Directed by Congress
- Developing medicine to protect Civilian and Military from disease
- Specially designed, safety conscious buildings
- Oversight, inspections by external civilian agencies as well as DoD
- Confederation of agencies to provide peer review and collaboration on science

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# Economic Engine

- Largest employer in region
  - Continued Employment growth
  - ~300 FTE annually through 2015 adding ~ 1500 jobs
  - Does not include contractors and services
- >\$2B in contracts in 2009
- >\$600M in Maryland contracts in 2009
- >\$55M in local contracts in 2009
- \$2B in construction
  - Primary subcontractors - Maryland, local
  - USAMRIID Example: >\$260M in local subcontracts + purchases
- >16,500 jobs created in region to sustain installation
  - Expected to increase through 2015







# Respectful

- People Count... customers and employees working together for service excellence
  - Taking care of our home, our community inside and outside the gates
  - Wisely using and sharing resources with our friends and neighbors
  - Partnerships with the community to improve services
  - Soldiers, Families, Civilians – Comprehensive Fitness

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# The New C2

Headquarters



“City Hall”

- Command and Control
  - Command relationship
  - Army only
  - Direct response to regulations
  - Rigid, closed
  - Directive
- Collaboration and Cooperation
  - Installation “Mayor”
  - Multiagency
  - Partnerships to navigate regulations
  - Flexible, clarity
  - Collaborative
  - Employee empowerment





# What are our Relationships?



**National  
Leadership**



**Joint  
Forces**



**Interagency  
Public Health**



**Local  
Communities**



**Business  
and  
Workforce**



**People  
and  
Environment**

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# IMCOM Transition



Previous

- Situational focused
- Defense Health funded
- Last MEDCOM Post
- Specialized
- Individual service



FY12

- Sustainment focused
- IMCOM funded
- One of many
- Standardized
- A culture of consistent service

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# Partners in the Community

Today

- Leveraging business partnerships
- Leveraging research partnerships
- Leveraging educational partnerships

Always

- Leader and workforce development
- Educational programs for all ages
- Protecting the environment
- Strengthening regional relationships
- Strengthening community commitment



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# Soldiers, Families, Civilians



- Improving Programs for:
  - Strong Minds
  - Strong Bodies
- Building Resiliency and well-being throughout our workforce and Families



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# Responsible

- Conserving resources, a recognized steward of the environment
  - Sharing our successes and identifying opportunities to grow
  - Helping to teach our children
  - Embracing the past; preserving our history
  - Customers and Employees report performance and effectiveness of service
  - Organizational goals/individual goals
  - Achieving a higher standard of Safety



# Achieving a Higher Standard of Safety

- USAG Fort Detrick in the top 1% of over 7 Million workplaces in the Nation
- The first U.S. Army Garrison recognized by OSHA as a Voluntary Protection Program (VPP) site
- VPP is OSHA's official recognition for exemplary occupational safety and health management system
- Open, transparent environment to communicate safety objectives
- Empowered workforce to direct change
- Reduced Lost Work Days from accidents by 60 days annually (75% improvement)
- Improved employee and customer satisfaction
- Program model for innovation in other areas on the installation

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# Preserving Cultural Resources



## Nallin Bank Barn Restoration

Built - circa 1800;  
Stabilization - 2009



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# Net Zero

## Preserving Natural Resources

Appropriately managing natural resources through community partnerships and a culture that enhances mission capability, quality of life, and the preservation of the future.



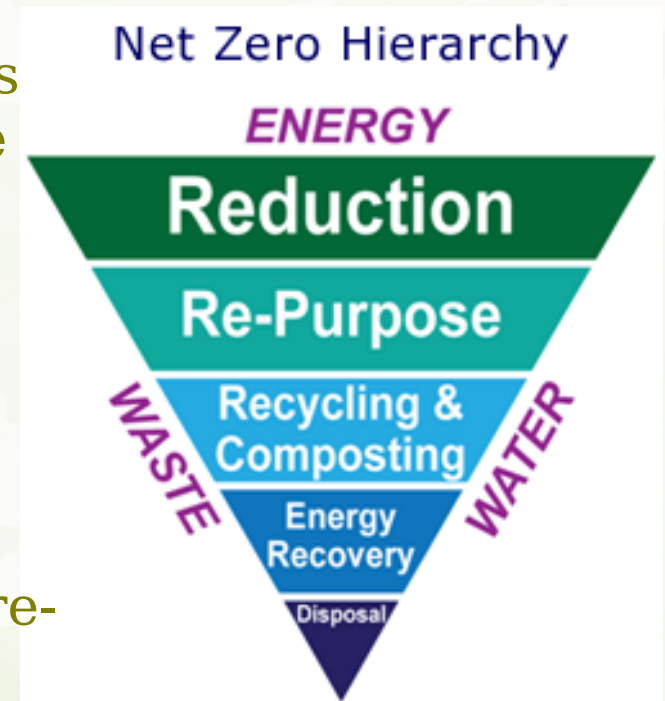
- **Net Zero Water** limits the consumption and balances availability to ensure sustainable supplies for the future



- **Net Zero Energy** identifies ways to conserve, utilize, and re-purpose energy to limit consumption



- **Net Zero Waste** reduces, reuses, and recovers waste while converting resources to protect the environment







# Forestation

**Yesterday -  
Installed  
Tubes**



**Today -  
Installing  
Mature Trees**



**Tomorrow -  
Partnership with  
American Chestnut  
Foundation**



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# Advanced Solid Waste Management

- Recycling
  - >45% of solid waste recycled
  - A leading recycling program in Army
- Solid Waste
  - Reduction of solid waste in landfills
  - Partnering with local community for recycling e-waste
- Advanced Processes
  - Sustainable procurement
  - Realization of waste-to-energy







# Ready

- Sustainable planning, preparing for tomorrow's challenges
  - Evolving plans for a sustainable future
  - Sustaining and building our workforce for tomorrow's challenges
  - General solutions to serve entire community future
  - Tailored solutions to support specific needs for unique customers



# “Green” Construction



- State-of-the-art construction techniques are getting there?
- Energy-efficient
  - Low Impact Development
  - Low flow water fixtures
  - Occupancy Sensors
  - LED Lights
  - High Efficiency HVAC
  - Building Energy Automation
  - Options: vegetated or solar roofs
  - Proactive studies on environmental considerations
- Planning and Certifying LEED Silver for new construction
- Retrofitting eligible buildings for LEED-EB certification
- Realigning roads for improved traffic efficiency





# Conclusion

Strategic partnerships, teaming, workforce empowerment, outreach, environmental stewardship, integration, and feedback allows Fort Detrick

Transform for a Sustainable

- Relevant
- Respectful
- Responsible
- Ready

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# For More Information

- [www.detrick.army.mil](http://www.detrick.army.mil)
- Contact U.S. Army Public Affairs Office

[usagpao@amedd.army.mil](mailto:usagpao@amedd.army.mil)

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